



## Patent Application

Right Classification	Patent
Receiver	Commissioner of KIPO
Reference Number	9001
Submission Date	2001.05.16
Korean Title of Invention	Personal private information management system using cellular phones
English Title of Invention	Personal private information management system using cellular phones
Applicant	
Name	Yu-Sang Lee
Applicant Code	4-2001-006036-8
Agent	
Name	Sang-Jin Lee
Agent's Code	8-1995-008344-8
Registration Number of General Power of Attorney	2001-014021-1
Inventor	
Name	Yu-Sang Lee
Applicant Code	4-2001-006036-8
Request for Examination	Demand
Remark	
We respectfully submit an application under Article 42 of Patent Act, and file a Request for Examination for the present application under Article 60 of Patent Act. Agent Sang-Jin Lee (Signature)	
Official Fee	
Application Fee	12 page(s) 23,000 won
Additional Application Fee	0 page 0 won
Priority Fee	0 case 0 won
Examination Fee	2 claims 175,000 won
Total	202,000 won
Reason for Reduction and Exemption	Individual (50% reduction and exemption)
Commission after Reduction and Exemption	60,000 won
Attached Documents	
1. 1 summary + specification/drawing	

## Patent Specification

Abstract	
<p>The invention relates to the personal private information management system which its own profile is transmitted to the others by using the cellular phone or can be received the others' profile. And included of the user is its own computer the step of connecting to the internet network in the case of administrator, the step that user requests member joining, and storing in the profile DB, and the cellular phone step of transmitting to the cellular phone of the receiver which connects as the communications company and wireless network. Therefore, the transmission of the profile more quick and exact possible as to the step that user requests member joining, and, its own profile is transmitted and which administrator manages. As to the cellular phone step of, the step of requesting the profile electrical transmission, it inputs and the communications company receiving the profile submission from user inform the profile submission fact of user to administrator, and in which the step of demanding the thing dispatched and the administrator requested the profile of user from the communications company refer to the profile DB and extracting the profile of the corresponding user, and which for the step that this is transmitted again in the communications company and stored in the receiver allocation space of the operator server at the same time and the communications company received profile from administrator, user designate the user joining in the members transmits the profile of oneself. Efficiently, profile can be managed.</p>	
Representative Drawing	
Drawing 2	
Index Term	
The cellular phone, profile, and the management of namecard.	



## Specification

## Title of Invention

Personal private information management system using cellular phones(Personal private information management system using cellular phones)

## Brief Description of the Drawings

Figure 1 is a configuration diagram of the invention.

Figure 2 is flowchart of the invention personal private information management system.

The description of reference numerals showing the main elements in drawings:

100: administrator 200: communications company,

300: user 400: profile DB.

## The Detailed Description of Invention

## The Purpose of Invention

## Field of Invention and the Prior Art

The invention relates to the personal private information management system which its own profile is transmitted to the others by using the cellular phone or can be received the others' profile, and particularly, by the user joining in the members in advance storing its own profile in the system of administrator and using the cellular phone, its own profile is transmitted in the cellular phone of opponent. Therefore, it is about the personal private information management system using the cellular phone which removes to troublesome and more efficiently can more efficiently the profile of individual of the etc., exchanging for the name card.

Recently, it is rooted into somebody's something as one of the necessities of life while the demand of the cellular phone increases suddenly.

Moreover, its events and its own profile is be acknowledged let rapidly as to interpersonal to opponent. It is attached great importance than what to efficiently manage the profile of opponent.

But there is a problem that in convention, the administration very troublesome since to storing after one by one inputting the new man to the separate name card management program installed at the case the name card is decreased when meeting and each other dicking bow and the profile of the name, company, the address, the telephone number etc. of opponent can be grasped each other as receiving, and therefore, of the business card being lost with the carelessness and losing of failure, is high or computer the name card is safekept in the administration the business card book etc., it.

## Technical Problems to be solved by the Invention

The invention relates to the members it is to solve problems described in the above sorted out. And there can be the object of the present invention in providing the personal private information management system transmits, and therefore, in which the transmission of the profile more quick, and exact possible, and using the cellular phone which efficiently can manage profile as the cellular phone of the man in which the user joining in advance stored its own profile in the server of the system operator and which wants to inform its own profile.

## The Structure and Function of the Invention(Device)

Herein after, the preferred embodiment of the present invention is into looked referring to the figure particularly.

Figure 1 is fig. 2 is the flowchart of the invention personal private information management system the configuration diagram of the invention.

The invention relates to the members to the communications company (200), offering the personal information offer service between the administrator (100), equipped with the profile DB (400) storing the profile of the members and administrator (100) and user and administrator (100), and it joins and profile is delivered to its own cellular phone through the communications company. It constitutes with the received user (300). The step (3501): where the user (300) connects to its own computer to the server of the administrator (100) as the internet network and user (300) request member joining. The step (3503): in which its own profile is transmitted and it connects as the communications company (200) and wireless network and in which the step (3502): which stores in the profile DB (400) which the administrator (100) manages and the user (300) joining in the members input the telephone number of receiver to the cellular phone and in order to transmit its own profile requesting the profile electrical transmission and the communications company (200) receiving the profile submission from the user (300) inform the profile submission fact of the user (300) to the administrator (100). The step (3504): which demands to dispatch the profile of the user (300) and the administrator (100) requested the profile of the user (300) from the communications company (200) refer to the profile DB (400) and the profile of the corresponding user (300) is extracted This is transmitted again in the communications company (200) and it is included of the step (3505) stored in the receiver allocation space of the administrator (100) server, and the step (3506) where the communications company (200) that it is received transmits profile from the administrator (100) with the cellular phone of the receiver at the same time. The step (3506) where the communications company (200) that it is received transmits profile from the administrator (100) with the cellular phone of the receiver the user (300) designates.

Moreover, as described above, for the user (300) joining in the members, the profile of the user (300) dispatching in the administrator (100) server which the user (300) receiving reception is allocated is saved profile to the other member in the electrical transmission.

Herein after, each single step action of the present invention is into looked particularly.

It connects to the server of the administrator (100) as the internet network and for the user (300), the user (300) requests member joining to its own computer, its own profile is transmitted and it particularly records the name, one's place of employment, office telephone number, mobile phone number, anniversary etc. of user in the member-joining application and the subscription base degradation transmits from the step (3502) stored in the profile DB (400) which the administrator (100) manages with the members in the server of the administrator (100). The administrator (100) stores the profile it examined the application for admission and it was subscribed to the user (300) to the members in case error had no, which notifies and which the user (300) transmits in the profile DB (400).

At this time, the business of company as well as the profile of individual, the business status, the major product etc., are stored together in the profile DB (400) of the administrator (100) in the storage. Therefore, the long period raises from the death the memory about the man in the progress.

After the mobile phone number of the man the Lee high-to-low in which the user (300) joining in the members knows its own profile at the step (3503) connects as the communications company (200) and wireless network and in which the user (300) joining in the members inputs the telephone number of receiver to the cellular phone and in order to transmit its own profile requesting the profile electrical transmission is recognized, it connects to the profile transmit service of the communications company (200) through the wireless network as the cellular phone. After ID or password etc., are inputted and oneself informs the members, the electrical transmission base degradation inputs the mobile phone number of receiver.

The communications company (200) receiving the profile submission from the user (300) informs the profile submission fact of the user (300) to the administrator (100). It requests to dispatch the profile of the user (300). It refers to the profile DB (400) and the administrator (100) requested the profile of the user (300) from the communications company (200) extracts the profile of the corresponding user (300). This is transmitted again in the communications company (200).

In the meantime, in order to use this service, it connects to its own computer to the server of the administrator (T00) and it downloads the appropriate management of one's body program and it establishes and it stores the profile which on itself is needed or the profile which it currently inputs in its own computer and the user (T00) regular in the members' program, or the fixed space is allocated and it thus stores in the server of the administrator (T00) and it can manage.

Moreover, the profile in which the members used the cellular phone to nonmember and nonmember was received the profile of the members in sending was stored for the specified period in the administrator (120) server and the service downloaded in the information pre-stored to the members in the subscription can be offered.

As described above, the invention relates to the user (300) in its own cellular phone, and the efficient management of one's body temperature profile which in advance stored is transmitted in the others' cellular phone in the administrator (100) server through the communications company (200) are made possible, and the transmission of the profile quick and exact becomes.

As described above, the invention related to the members, and the user joining in advance stores its own profile in the server of the system operator and it transmits with the cellular phone of the man which wants to inform its own profile. Therefore, the transmission of the profile more quick and exact possible. Profile can be managed efficiently.

◆ Chain [1]

joins to the communications company (100) offering the personal information offer service between the administrator (100), equipped with the profile DB (400) storing the profile of the members and administrator (100) and user and administrator (100) in the members and profile is delivered to its own cellular phone through the communications company. It constitutes with the requested user (300). The step (3501): where the user (300) connects as its own computer to the server of the administrator (100) as the Internet network and user (300) request member joining. The step (3502): in which its own profile is transmitted and it connects as the communications company (200) and wireless network and in which the step (3502): which stores in the profile DB (400) which the administrator (100) manages and the user (300) joining in the members input the telephone number of receiver to the cellular phone and in order to transmit its own profile requesting the profile electrical transmission and the communications company (200) receiving the profile transmission from the user (300) inform the profile transmission fact of the user (300) to the administrator (100). The step (3504): which demands to dispatch the profile of the user (300) and the administrator (100) requested the profile of the user (300) from the communications company (200) refer to the profile DB (400) and the profile of the corresponding user (300) is extracted. The personal private information management system using the cellular phone which characterizes to assign transmit this. In the communications company (200) and be included of the step (3505) stored in the receiver allocation space of the administrator (100) server, and the step (3506) where the communications company (200) that it is received transmits profile from the administrator (100) with the cellular phone of the receiver at the same time. The step (3507) where the communications company (200) that it is received transmits profile from the administrator (100) with the cellular phone of the receiver the user (300) destination.

The personal private information management system in which the user (300) joining to the first claim in the members uses the cellular phone switch characterized that the profile of the user (300) dispatched in the administrator (100) server which the user (300) receiving reception is allocated is based profile to the other member in the electrical transmission.

 University of Illinois Press



